

SEP 23 2004

Atty Docket No. 018781-005510US

PTO FAX NO.: (703) 872-9306

ATTENTION: Examiner David Lukton

Group Art Unit 1653

**OFFICIAL COMMUNICATION  
FOR THE PERSONAL ATTENTION OF  
EXAMINER David Lukton**

**CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that the following documents in re Application of Alan Huang et al., Application No. 10/008,244, filed November 7, 2001 for STAT MODULATORS are being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Documents Attached

1. Communication to Examiner (2 pages)
2. Copy of Information Disclosure Statement filed September 15, 2003 as received with the Office Action of April 7, 2004 (3 pages)

Number of pages being transmitted, including this page: 6

Dated: September 23, 2004

  
Jose Luna

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PATENT  
Docket No.: 018781-005510US  
Client Ref. No.: T00-006-1/US

TOWNSEND and TOWNSEND and CREW LLP

By: 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Alan Huang, et al.

Application No.: 10/008,244

Filed: November 7, 2001

For: STAT MODULATORS

Examiner: David Lukton

Art Unit: 1653

COMMUNICATION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants are in receipt of the Notice of Allowance and Fee(s) Due mailed by the Office on September 16, 2004. We respectfully note that the copy of the Information Disclosure Statement, filed September 15, 2003, forwarded by the Office on April 7, 2004, was not completely initialed by the Examiner. Specifically, reference numbers 1-7 do not appear to have been considered. Enclosed for the Examiner's convenience is a copy of the PTO/SB/08A and PTO/SB/08B forms (date stamped September 17, 2003 by the Office) that were received with the Office Action of April 7, 2004.

If the Examiner is in possession of the art, Applicants respectfully request prompt consideration of the aforementioned documents. However, if the Examiner

Alan Huang et al.  
Application No.: 10/008,244  
Page 2

PATENT

requires additional copies of these references, Applicants will gladly forward them for the Examiner's consideration.

Respectfully submitted,



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PTO/SB/08A (08-03)

Substantive Examination PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/008,244
Filing Date	November 7, 2001
First Named Inventor	Huang, Alan
Art Unit	1653
Examiner Name	To Be Assigned
Attorney Docket Number	018781-005510US

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## **U.S. PATENT DOCUMENTS\***

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	class/subclass Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	1.	5,661,825		01-07-1997	McKnight et al.	530-350
	2.	5,639,858		06-1997	Hoey et al.	530-350
	3.	5,710,288		01-1998	McKnight et al.	536-23.5
	4.	5,718,822 A		02-10-1998	Darnell, Jr. et al.	424-185.1
	5.	5,731,155 A		03-24-1998	Schreiber et al.	435-7.1
	6.	5,661,825		01-1997	McKnight et al.	530-350
	7.	8,428,331 B1		07-30-2003	McInnery et al.	514-009

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
X	8.	JP	10475864		08-30-1998	Sumitomo-Selyaku IOK		
X	9.	JP	10475865		08-30-1998	Sumitomo-Selyaku IOK		
X	10.	JP	11405840		04-20-1999	Sumitomo-Selyaku IOK		
X	11.	JP	11410481		04-27-1999	Sumitomo-Selyaku IOK		
X	12.	JP	2200-228850	A1	08-23-2000	Sumitomo-Chem Co Ltd		
OK	13.	WO	97/06182	A1	02-13-1997	BASF Aktiengesellschaft		
OK	14.	WO	98/31704	A1	07-23-1998	Novartis Pharm.		
OK	15.	WO	00/24442	A1	06-20-1999	Ariad Pharm. Inc.		
OK	16.	WO	99/50283	A1	10-07-1999	Tularik Inc.		
OK	17.	WO	00/027802	A1	05-18-2000	Ariad Pharm. Inc.		
OK	18.	WO	01/83517	A1	11-08-2001	Tularik Inc.		

David Little

4/2/04

Examiner Signature	Date Considered
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PTO/SB/08B (01-01)

Substitute for form 1449B-PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	2	of	3
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Complete If Known	
Application Number	10/008,244
Filing Date	November 7, 2001
First Named Inventor	Huang, Alan
Art Unit	1653
Examiner Name	To Be Assigned
Attorney Docket Number	018781-005510US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
DL	19.	ANONYMOUS, "STAT antibodies" Research Diagnostics, pp. 1-8, March 26, 1998	
	20.	ANONYMOUS, "Stat sampler kit" The 1999 Online Antibody Catalog, Transduction Laboratories, 5 pages, March 26, 1998.	
	21.	ANONYMOUS, "The Jak-STAT mechanism of signal transduction" The Cytokine Bulletin pp. 1-8 (1996) at <http://www.mdsystems.com/asp/b> (Visited on January 8, 2003)	
	22.	BLOMMERS et al., "Transferred cross-correlated relaxation complements transferred NOE: Structure of an IL-4R-derived peptide bound to STAT-6" J. Am. Chem. Soc. 121(9):1849-1853 (1999)	
	23.	CARPENTER, "Receptor tyrosine kinase substrates: src homology domains and signal transduction" FASEB J. 6:3283-3289 (1992)	
DL	24.	DARNELL et al., "Jak-Stat pathways and transcriptional activation in response to IFNs and other extracellular signaling proteins" Science 264:1415 (1994)	
	25.	HOU et al., "An Interleukin-4-induced transcription factor: IL-4 stat" Science 265:1701-1708 (1994)	
	26.	IHLE et al., "Signaling by the cytokine receptor superfamily: JAKs and STATs" Trends Biochem. Sci. 19:222-227 (1994)	
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	33.	PAWSON, T., "Protein modules and signaling networks" Nature 373:573-580 (1995)	
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	35.	RYAN, J. et al., "Growth and gene expression are predominantly controlled by distinct regions of the human IL-4 receptor" Immunity 4:123-132 (1996)	

Examiner Signature <i>David L. Patton</i>	Date Considered 4/2/04
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Substitute for form 1, USPTO		Complete If Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/008,244
		Filing Date	November 7, 2001
		First Named Inventor	Huang, Alan
		Art Unit	1645
		Examiner Name	To Be Assigned
Sheet 3 of 3	Attorney Docket Number	018781-005510US	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
DL	36.	SCHINDLER, C. et al., "Transcriptional responses to polypeptide ligands: The JAK-STAT pathway" Annu. Rev. Biochem. 64:621-61 (1995)	
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	42.	YAO et al., "Direct interaction of STAT4 with the IL-12 receptor" Archives of Biochemistry and Biophysics 368(1):147-155 (1999)	
DL	43.	ZHONG et al., "Stat3 and Stat4: Members of the family of signal transducers and activators of transcription" Proc. Natl. Acad. Sci. USA 91:4808-4810 (1994)	

David L. L. L.

4/2/04

Examiner Signature		Date Considered	
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<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
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